

### ABSTRACT

Devices, softwares and methods send a warning signal when a periodic signal is present in the audio content of a VoIP connection. In response to the warning

5 signal, an acoustic echo canceller of an IP telephone discontinues its adapting process.

A signaling network switch detects when a periodic signal is present in the audio content, and issues a warning signal. A signaling call manager device, when it transmits a tone that has periodicity, it also transmits a warning signal.

"P00000" 0000000000